

Golden-cheeked Warbler and Black-capped Vireo

Movement

Data Reporting Instructions

The following reporting format is for data collected on GCWA and BCVI movement, both actual observed movements and contemporary observations assumed to be the same bird (as described by IBCC 1970). While providing this data is optional, should you choose to provide it, our preference is that the information be submitted as a line shapefile¹, but we will also accept a map with an associated Excel spreadsheet that includes the information below.

The information in parentheses details field types and field sizes for the shapefile. Each of the bolded phrases is a column header which should be submitted in either the attribute table for the shapefile or in a standalone spreadsheet (see example spreadsheet attached) with an associated map (for those that do not have GIS). If submitting a spreadsheet, you must also submit a map(s) that clearly illustrates the movement line and warbler locations upon which it was based within the context of the surrounding property and surveyed area (i.e. we can relocate it on a USGS topo or street map and can digitize it fairly accurately).

1. **Prop_Name** (Type = Text; Length = 50): Name of property surveyed. This should correspond to a property boundary polygon (or map) provided in the property/survey polygon data.
2. **Survey_Name** (Type = Text; Length = 50): Name of area surveyed if the whole property was not surveyed or was not surveyed in one visit. This should correspond to a property boundary polygon (or map) provided in the property/survey polygon data.
3. **Move_ID** (Type = Text; Length = 10): Either a number or letter designation identifying one movement line from another. If submitting data as a map and Excel spreadsheet, clearly label the map with the identical name (so that we can tell which movement line goes with which row in the spreadsheet).
4. **Surv_Date** (Type = Double): Date of the observation. Entries should be formatted as YYYYMMDD.
5. **Begin_Time** (Type = Double): Report the time the observed movement began using military time.
6. **End_Time** (Type = Double): Report the time the observed movement ended using military time.
7. **Species** (Type = Text; Length 5): Bird species observed. Entries should be limited to [GCWA, BCVI].
8. **Sex** (Type = Text; Length = 10): Sex of observed bird. Entries should be limited to [Male, Female].
9. **Age** (Type = Text; Length = 10): Age class of observed bird. If the surveyor can determine age more accurately than adult or juvenile, HY (Hatch Year), SY (Second Year), or ASY (After Second Year) should be used. Entries should be limited to [Juvenile, HY, SY, ASY, Adult].
10. **Line_Type** (Type = Text; Length = 15): Report whether this was an actual observed movement or if the line represents contemporary observations of the same bird. Entries should only include [Contemporary, Movement].

International Bird Census Committee (IBCC). 1970. An international standard for a mapping method in bird census work recommended by the International Bird Census Committee. Audubon Field Notes 24:722–726.

¹ All GIS files should be in NAD 83, latitude/longitude (decimal degrees).